

About Mutants Induced by Radiation-Pisum Sativum-
Applicable in Breeding., by W. Gottschalk.
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pp 33-42
INSDOC/Ref T. 5612

W. GOTTSCHALK.

Sci -
July 1967

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(BT-4580)

Fifteen Successful Years in the ZPS Gottwaldov,
by Oldrich Bar, 3 pp. FOR OFFICIAL USE ONLY

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pp 202, 203. (partial)

JPRS 5801

EEur - Czechoslovakia
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Oct 60

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RUSSIAN, bk, publ by Sea Transportation Publishing
House, Moscow, 1957, pp 274-357.

Envy 2060/ONI 378

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Ferris Wheel, by Martin Gottsmann, 4 pp.

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Sci - Engineering
Mar 1957 CTS/dex

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7 pp, (ID 1280035). UNCLASSIFIED

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WEur - Switzerland
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CTB 68/May 55

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The Splitting of Heavy Nuclei in Cosmic Radiation,
by K. Gottstein

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pp 104-105.

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Scientific - Nuclear Physics

Jul CTS/DEX Price 0.25

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62-20030

Gottstein, U., Bernsmeier, A. and others.
HEMODYNAMICS AND METABOLISM IN THE BRAIN
IN HYPNOTIC INTOXICATION (Hamodynamik und
Stoffwechsel des Gehirns bei Schlafmittelvergiftung).
Aug 62, 18p. 119 refs.
Order from SLA \$1.60

62-20030

Trans. of D[eu]tsch[e] Med[izinische] W[ochen]schr[ift]
(West Germany) 1961, v. 86 [no. 45] p. 2170-2176.

DESCRIPTORS: *Drugs, *Anesthetics, Blood pressure,
Metabolism, *Oxygen, *Brain, Toxicity, Hypnotics and
sedatives, Barbiturates.

In deep hypnotic coma cerebral circulation and cerebral
oxygen consumption are reduced; the cause may be a
histotoxic hypoxydosis due to the intoxication. A de-
crease in the oxygen requirements ("hypochreosis") by
reduction of the continuous activity metabolism to a
metabolism at rest present only in anesthesia, is more
(Biological Sciences--Pharmacology, TT, v. 9, no. 9)
(over)

1. Title: Eukraton
I. Gottstein, U.
II. Bernsmeier, A.

110075F

Office of Technical Services

Action of Regitine on the Epinephrine and
Norepinephrine Reactions in Skin and Muscular
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S.I.A. Tr 727/1956

Sci - Biology
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FRY, A.

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Stahl und Eisen, vol. 54, pp. 554-564, 14 diagrams,
2400 word abstract; 1934.

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Calculations and Model Tests on Water and Air
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GERMAN, per, Zeit, Veres Deuts Ing, No 30, 1954,
pp 1005.

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(FDD 22091)

Forward to the Construction of Socialism in
Our Country (Czechoslovakia), by K. Gottwald,
14 pp.

CZECH, no per, Casopis Lekaru Ceskych,
Vol XCII, No 12, Praha, Mar 1953, pp 304-407.

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EEur - Czechoslovakia
Pol - Socialism

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JPRS 17058

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SCI - ENGR
JAN 63

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Friction in Gyroscopic Devices, by V. F.
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SLA 3196

May 58

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Götz, A.
A RAPID METHOD FOR DETERMINING OXYGEN
IN ORGANIC SUBSTANCES. [1961] 6p. 10 refs.
Order from RIS \$12.00 RIS S-2121

Trans. of Zeitschrift für Analytische Chemie (West
Germany) 1960, v. 181, 5 July, p. 92-100.

DESCRIPTORS: *Organic compounds, *Oxygen,
Determination.

(Chemistry--Analytical, TT, v. 7, no. 5)

62-12440

- I. Götz, A.
- II. RIS S-2121
- III. Research Information
Service, New York

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Analysis of the Ultraviolet limit of the Airglow
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pp 82-577
CSIRO No 8053

F. Gotz

Set -
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Observations on the Antispasmodic Effects of Ridol, by Frigyas Gotz,
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Vol CII, No 35, 27 Aug 1961, pp 1661-
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JPRS 11759

Sci - Med

Jan 62

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(NY-10)

THE APPLICATION OF THE URAL-1 ELECTRONIC
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GUSZTAV GOTZ, 4 PP.

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NO 3, MAY/JUN 1961, PP 152-153.

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Mechanization in the Chemical Industry, by Friedrich
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GERMAN, per, Chemische Technik, No 10, 1960, pp 586-590.

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EEur - E. Germany

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Spectral Energy Distribution of the Radiation of
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SLA 60-18184

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Vol 4 No 10

The Significance of Immuno-electrophoresis for
the Differentiation of Pathological Sera, by F.
Schoeffarth, H. Gotz, 36 pp.

MMAN, per, International Archives Allergy, Vol. XVI,
1959, pp 61-92.

FIA 12-7-60

Sci - Med
Feb 61

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Immune Electrophoretic Studies on Heterologous
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Gots, K. Soergel, 21 pp.

GERMAN, per, International Archives of Allergy
and Applied Immunology, Vol X, No 2, 1957,
pp 82-99.

NIH 2-29-60

Sci - Med

Apr 60

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A New Direction in the Consideration of the Cancer Problem, With Special Consideration of Protein Chemistry and of the Focal Occurrence, by K. T. Götz, 26 pp.

Full translation.

GERMAN, Ms, pp 1-40.

Scientific - Biology

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NIH TR 73
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Comparative Study of Methods for Recovery of
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4 pp.

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S.L.A. Tr 451/1956

Sci - Minerals and Metals, 36, 473

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Comparative Investigations on the Relationship
Between Specific Gravity of Wood and Age of the
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der Humboldt Universität, Vol VIII, No 4/5,
1958/1959, pp 737-751.

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Sci-Biol
Feb 63

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On the Action of "Kallikrein" on the Isolated
Intestine and On a New Peristaltic Substance,
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GERMAN, per, Biochem Z. Vol CCLXXXIX, 1937,
pp 22 217-233.

NIH 3-72-62

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Sci - Med

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Order from TTIS \$52.00

TTIS-2249

Trans. of Schweizer Archiv [für Angewandte Wissen-
schaft und Technik] 1960, v. 26, p. 304-311.

(Materials--Paints, TT, v. 5, no. 5)

61-12505

1. Plastic paints--Properties
2. Title: Versamid-epoxy
paints
- I. Gotze, W.
- II. TTIS-2249
- III. Translation and Technical
Information Services
(Gt. Brit.)

Office of Technical Services

Gotze, K. and Hilgers, F.
CONTRIBUTION TO THE THEORY OF THE
FORMATION AND OF THE STRUCTURE OF HIGH
TENACITY VISCOSE FIBERS. [1961] [24]p. 24 refs.
Order from SLA \$2.60 61-16775

Trans. of Tintoria (Italy) 1960, v. 57, no. 3, p. 89-96.

DESCRIPTORS: *Synthetic fibers, *Cellulose,
Rayon fibers, Processing, Mechanical properties.

An interpretation is presented of the action of the modifying agents, which are added to the viscose, in the manufacturing process of the "super-fibers". The following concept of a super-fiber structure is proposed. The crystallites of the super-fiber, due to the use of non-aged viscose and to the special conditions in which coagulation takes place, are composed of a lower number but, given the higher degree of polymerization of
(Materials--Textiles, T.T. v. 6, no. 7) (over)

61-16775

I. Gotze, K.
II. Hilgers, F.

Office of Technical Services

Götze, Kurt; Hilgers, Friedrich and others.
PROCESS FOR FINISHING OR SOFTENING FULLY
SYNTHETIC YARNS, FILAMENTS, FILMS AND
TEXTILE FLAT PRODUCTS. 25 Sep 62, 7p. 5 refs.
Order from OTS or SLA \$1.10 63-10802

Trans. of German patent 1,058,968, C9014 IVc/8K, by
Chemische Fabrik Stockhausen and Cie., appl.
10 Mar 54, publication of the application and the issue
of the pat. June 59.

DESCRIPTORS: *Fibers (Synthetic), Filaments, Films,
*Finishes and finishing, Fatty acids, Sulfonates, Urea,
Textiles.

(Materials--Textiles, TT, v. 9, no. 12)

63-10802

I. Götze, K.
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III. Patent (Germany)
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1058968

Office of Technical Services

The Preece Test and Its Suitability for Assessing
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F. Gotzl, E. Nell, *6 pp.*

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Jan 1960, pp 34-35.

CSIR 182

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The Influence of the Addition of Aluminum on the
Development of Hot-Galvanized Coatings, by
H. Bablik, F. Gotzl., 9 pp.

GERMAN, per, Korrosion u Metallschutz, Vol XIV,
No 10, 11, Oct-Nov 1938, pp 350-353.

SLA 57-1337

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Aluminum as Addition ~~E~~ to Hot Dip Galvanizing
Baths, by H. Bablik, F. Gotzl.

GERMAN, Archiv Eisenhüttenwesen, Vol XVII, Nos 5, 6
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Scientific - Min/Metals

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Addition of Aluminum to Hot Galvanizing Baths, by
H. Bablik, P. Gotz, R. Kukuczka.

GERMAN, per, Korrosion & Metallschutz, Vol XVIII,
1942.

Brutcher Tr 1407

Scientific - Min/Metals

\$4.75

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Cause of Inhibitory Action of Aluminum in Hot Dip
Galvanizing Bath, by H. Bablik, F. Gotzl,
R. Kukaczka.

GERMAN, per, Werkstoffe und Korrosion, Vol V, No 5,
1951, pp 163-165.

Brutcher Tr 2745

Scientific - Min/Metals

\$1.90

12,989

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Influence of Alloy Additions on the Solubility of
Iron in Hot Galvanizing, by H. Bablik, F. Getzal.

GERMAN, per, Korrosion & Metallschutz, Vol XVII,
1941.

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Scientific - Min-Metals

\$3.75

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Black Spots in 'Dry' Galvanizing, by H. Bablik,
F. Götzl, E. Hell.

GERMAN, per, Metalloberfläche, Vol X, No 2, 1956,
pp 33, 34.

Henry Bratcher Tr No 3862
\$2.50

Sci - Min/Metals
Apr 1957 CHU/dex

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Effect of Titanium Content of Steel in Hot Dip
Galvanizing, by H. Bablik, F. Gotzl, R. Kukaczka.

GERMAN, per, Zeitschrift Fur Metallkunde, Vol XL,
1949, pp 176-179.

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Scientific - Min/Metals

\$3.85

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GOT L.F.
KINACEN R.

Korrosion & Metallschutz, vol. 18, 25 figures,
5 tables, 3600 words; 1942.

Additions of Copper in Hot-Dip Galvanizing Baths.

Brutcher Trans, Order 1426, \$4.50.

A-3504

GOTBAU, G.
ASCHENBRENNER, H.

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A Device for Recording/Magnetic Disturbances

GERMAN, Hochfrequenztech. u. Elektroakust., Vol 47,
(6), June 1935, pp 177 - 181.

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P 22169T

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Dispersion in an Electron-Ion Mixture Under the Influence
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UNCLASSIFIED

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Vol XLVI, No 2, Aug 1935, pp 37 - 49.

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Sci - Physics

S.A.F. Tr

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Electromagnetic Waveguides and Cavities, by Georg
Goubau.

RUSSIAN, bk, Vol V, 1961, pp 672 pp.

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Jan 62

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Goubeau, J. and Keller, M.

ABOUT BOROXOL-COMPOUNDS, THEIR PREPARATION AND PHYSICAL AND CHEMICAL CHARACTERISTICS. [1961] [7]p. (figs. tables omitted).
Order from SLA \$1. 10

62-10384

Partial trans. (p. 7-14) of Zeitschrift fur Anorganische Chemie (East Germany) 1951, v. 267 [no. 1/3, p. 1-26].

DESCRIPTORS: *Halogen compounds, Boron, Bromides, Fluorides, Chlorides, *Boron compounds, Physical properties, Chemical properties, Synthesis.

(Chemistry--Inorganic, TF, v. 7, no. 10)

62-10384

- I. Title: Boroxol compounds
- I. Goubeau, J.
- II. Keller, M.

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About Beryllium Diethyl, by J. Goubau, B. Hoderwald,
Lipp
GERMAN, per, Zeitschrift für Anorg und Allgemeine
Chemie, Vol 250, 1949, No 3/4, pp 162-179
SIA 12-65-10123

Sci - Chem
June 67

J. Goubau

330,931

Raman Effect and the Problem of the Structure
of the Cyanate Residue, by Josef Goubau. 11 pp.
GERMAN, per, Ber. Deut. Chem. Ges., Vol 68,
1935, pp 912-919.
NASA TT-F-13636

Josef Goubau

Aug 71

Boron Compounds, by Joseph Conbeau, 36pp
GERMAN, per, FIAT Review of German Science, 1939-46
pp 215-238
SLA TT-64-20247

Joseph Conbeau

Sci - Chem
June 67

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Saline Compounds and Intermetallic Phases of Metals
in Liquid Ammonia. First Report on Metals and Alloys,
by E. Zintl, J. Goubeau, et al, 43 pp.
GERMAN, per, Z fuer Physikalische Chemie,
Vol CLIVa, 1931, pp 1-46.
AEC-ANL-Tr-8

Sci-Chem
Aug 64

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Goubeau, J.
MULTIPLE BONDS IN ORGANIC CHEMISTRY. [1961] J. Goubeau, J.
[15]p. 20 refs.
Order from SLA \$1.60 62-10385

Trans. of Angewandte Chemie (West Germany) 1957,
v. 69, no. 3, p. 77-82.

DESCRIPTORS: Chemistry, *Organic compounds,
*Chemical bonds.

(Chemistry--Organic, TT, v. 7, no. 8)

Office of Technical Services

Goubeau, J.

THE SIGNIFICANCE OF THE FORCE CONSTANTS
FOR THE CHEMIST. [1963] 14p. (table omitted)
21 refs.

Order from SLA \$1.60

63-16222

Trans. of Angewandte Chemie (West Germany) 1961,
v. 73, no. 10, p. 305-309.

DESCRIPTORS: Molecular structure, *Chemical bonds,
Carbon, Hydrogen, Nitrogen, Oxygen, Vibration,
*Infrared spectroscopy, *Raman spectroscopy, *Boron
compounds, Fluorides, *Isocyanates, Methyl radicals.

(Physics--Molecular, TT, v. 10, no. 7)

63-16222

I. Goubeau, J.

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Office of Technical Services

Gaubert, J. and Ricker, E.
HYDRAZINE-BORANE AND ITS PYROLYSIS PRODUCTS. 17 Oct 62, 30p. 14 refs.
Order from: SLA \$2.60 63-10585

Trans. of Zeitschrift für Anorganische Chemie
(East Germany) 1961, v. 310, p. 123-142.

DESCRIPTORS: •Hydrazines, •Boranes, Pyrolysis,
Solubility, Dipole moments, Crystal structure, Spectra
(Infrared).

Hydrazine-monoborane, m. p. 61° , is obtained in good yield by the reaction of hydrazine sulfate with sodium borohydride. Its solubilities, dipole moment, crystal structure, and IR spectra were investigated. During pyrolysis, one mole of hydrogen and a portion of the hydrazine are quickly released. Under controlled conditions, $H_2B-NH-NH-BH_2$ can be isolated from the reaction. (Chemistry--Organic, IT, v. 10, no. 2) (over)

63-10585

1. Gaubert, J.
II. Ricker, E.

Office of Technical Services

The Vibration IR Spectra of Boron Trimethyl and of
Boron Trimethylene Ammoniate (Trimethyl-ammonio Borane),
by J. Goubreau, H. G. Becher.

Full translation.

GERMAN, per, Zeitschrift für Anorganische und
Allgemeine Chemie, Vol CCLXVIII, No 1-2, 1952, pp 1-12.

AEC Tr 1549

Scientific - Chemistry

May 53 CTS

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The System Potassium Sulfate-Potassium Sulfide, by
Joseph Goubeau, Hans Kolb, Hans Krall, 16 p.

GERMAN, per, Zeitschrift für Anorganische Chemie,
1938, Vol CCXXXVI, pp 45-56.

SIA 59-17305

Sci
Jan 60
Vol 2, No 8

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61-12270

Goubeaud, F.
THICKNESS MEASUREMENT OF DEPOSITS COAT-
INGS ETC., USING STATISTICAL TECHNIQUES.
[1960].

Order from BISI £3 10s

BISI-1663

Trans. of Draht (West Germany) 1959, v. 10, Aug,
p. 370-374.

- I. Metal coatings--Thickness
- I. Goubeaud, F.
- II. BISI-1663
- III. British Iron and Steel
Industry Translation
Service

Office of Technical Services

(Materials--Finishes, TT, v. 5, no. 4)

Method for the Preparation of 5, 6-bis
(Hydroxy-Alkylene) Compounds of Halogenated
(2.2.1) Hept-2-ene and Bicyclo (2.2.1) Hepta-2,
5-diene, by H. Frensch, H. Gubel, 6 pp.

German
GERMAN, patent Application P'14487-IVB/120,
Group 25, 11 Oct 1956.

S.L.A. Tr No 57-131

Sci - Chemistry, organic
Apr 57

46, 857

Goubkin, S. I.
MECHANICS OF THE PLASTIC DEFORMATION OF
MATERIALS: FLOW CHARACTERISTICS OF
DURALUMIN. [1960] [48]p. (figs. formulae omitted)
30 refs.
Order from OTS or SLA \$4.60

60-10281

Trans. of NIMASH (USSR) 1931 [v. 1] no. 8,
p. 363-390.

DESCRIPTORS: *Aluminum alloys, Creep,
*Mechanics, Stresses, Deformation, Pressure,
Metals.

(Metallurgy--Light Metals, TT, v. 9, no. 9)

60-10281

I. Title: Duralumin
I. Goubkin, S. I.
II. Title: Flow. . .

66697

Office of Technical Services

Band Widening of Aerials by Means of Compensation
Circuits, by R. Goubelin, 18 pp.

FRENCH, par, Compagnie Francaise, Thomson Houston
Rev Tech, No 17, 1958.

SIA 57-2898

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Elimination of Bacteriostasis Due to Collingatin
By Addition of Thiamine, by Sobhy Gauda,
Elisabeth Schorer, Jean-Francois Schoyfer,
8pp
DUTCH, per, Archives des Sciences, Vol. 15,
1962, pp 137-146
SLA 77-64-18681

Sobhy Gauda

Sci - Bio
May 67

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Effect of Colimycin on the Respiration
of Pseudomonas Fluorescens and of Its
Colorless Mutant, by Sobhy Gouda,
Elisabeth Schorer, et al.

SWEDISH, per, Pathologia et
Microbiologia Vol XXV, No 5, 1962,
pp 616-623.

SLA TT-64-18677

Jan 67

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On the Effects of the Inhibitor Diorthotolyl Thiourea
on the Corrosion of Iron in Dilute Sulphuric Acid,
by W. Machu, V. K. Gouda.
GERMAN, per, Metalloberflache, Vol XVI, No 6, 1962,
pp 171-174.
CEGB 2895

Sci - Engr
Apr 64

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Energy of Activation of the Reaction
and Specificity of Active Metallic Ion of
the Catalyst, by A. Goudot.

FRENCH, per, Comptes Rendus, Vol. CCM.,
1955, pp 975-977.

CSIRO

Sci - Min/Met

Mar 62

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Organic Complex Models of Catalase, Ly A. Goudot, pp 4.

RUSSIAN, per, Zhur Fiz Khim, VolXXXIV, No 10, 1960,
pp 2137-2145

Cleaver-Hume Press

Sci

Aug 61

164,209

63-14657

Gautré, André
TEMPERATURE CORRECTIONS OF ARTIFICIAL
BLACK BODIES WITH CONSIDERATION OF MUL-
TIPLE INTERNAL DIFFUSIONS. PT. I. CORREC-
TION OF THE EMISSIVE POWER. PT. II. CORREC-
TION OF THE TEMPERATURE GRADIENT
[Corrections d'Ouverture des Corps-Noirs Artifi-
ciels Compte Tenu des Diffusions Multiples Internes].
[1963] 16p. 1 ref.

Order from OTS or SLA \$1.60

63-14657

Trans. of Rev[ue] d'Optique Théorique et Instrum-
entale (France) 1945, v. 24, no. 1/3, p. 1-10.

Other translations are available from SLA as
AL-289 [16p. and OTS or SLA \$1.60 as 59-19005
[1959] [12p.

DESCRIPTORS: *Blackbody radiation, Diffusion,
Emissivity, Corrections, *Radiation pyrometers,
Calibration, Standards.
(Physics, TT, v. 10, no. 6)

(over)

I. Gautré, A.
II. Title: Correction ...
III. Title: Correction ...
IV. SLA AL-289

63-14657

Office of Technical Services

Gouffe, André.

CORRECTIONS FOR THE OPENINGS OF ARTIFICIAL BLACK BODIES CONSIDERING MULTIPLE INTERNAL DIFFUSION. PT. I. CORRECTION FOR EMISSIVE POWER [AND] PT. II. CORRECTION FOR TEMPERATURE GRADIENT, tr. by June Lee Walker [1959] [12p. 1 ref.

Order from OTS or SLA \$1.60

59-19005

Trans. from [Revue d'Optique Theorique et Instrumentale (France) 1945, v. 24, nos. 1-3.

DESCRIPTORS: Corrections, *Blackbody radiation, Diffusion, Reflection, Temperature

(Physica--Optics, TT, v. 8, no. 7)

59-19005

- I. Gouffe, A.
- II. Title: Correction for Emissive...
- III. Title: Correction for Temperature...

1209181

7-31-62

Office of Technical Services

Aperture ~~CEMY~~ Corrections of Artificial Black Bodies,
Taking Multiple Internal Diffusion Into Consideration,
by André Gouffe, 10 pp. UNCLASSIFIED

Full translation.

FRENCH, per, Revue d'Optique, Vol XXIV, No 1-3,
Jan - Mar 1945, pp 1-10.

Navy Tr 727/HRL 429

WEur - France

Scientific - Physics, optics, aperture, diffusion

Mar 53 CTS

386

Some New Magnitudes Enabling the Radiating
Properties of Radiant-Heat Appliances to Be
Better Defined, by A. Gouffe.

FRENCH, per, Journal des Usines a M
Gaz, 1956.

ASLIB GB 147

Sci - Phys
Apr 62

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Theory of Thermogradient Drying of Films, by
Deryagin, Goufman, Amelin, Levi.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII,
No 4, p 759.

NSF 213

Scientific - Physics

CIS/DEX

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Hydrography and Nautical Information, by A. Gougenhem,
21 pp.
FRENCH, per, Scientifique et Technique, No 359,
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